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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/813,117	03/21/2001	Stefan Burstrom	08385.0010-00000	8097
2292	7590	12/16/2004	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			KIANERSI, MITRA	
			ART UNIT	PAPER NUMBER
			2145	

DATE MAILED: 12/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/813,117	Applicant(s) BURSTROM, STEFAN	
	Examiner mitra kianersi	Art Unit 2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 0000944-9 03/21/2000.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12/09/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

Claims 1-14 have been examined.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Ludwig et al. UK Patent Application, GB 2282506)

1. As per claim 1, an arrangement for providing an electronic information service in a computer system, which is connected a network, (fig. 1 illustrates an arrangement for providing an electronic information service in a computer system which is connected to a network, and Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network), number of users being able to write information into and read information from the electronic information service the computer system via the network, (fig. 2A and fig. 31D illustrate a box labeled as "multimedia document editors" or box 524 the mail system) characterized by:

Means for creating first information object comprising a partial area of a virtual pixel area, (the following step is inherent because a partial area of a virtual pixel area means a part of display area), which pixel area contains information written by users from among said plurality of users, (Laster on page 2, lines 30-34 teaches the user's activities on a screen display)

means for transmitting (31) the first information object via the network to a first of said plurality of users, (Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network)
means for receiving a second information object from the first user corresponding to at least part of said partial area of said virtual pixel area, page 22, lines 6-11 disclose the

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AV network 901 is separate and distinct from the Data Network 902 portion of the MLAN 10, which carries bi-directional data signals among the MWs and the Data LAN hub) means for updating (35) said virtual pixel area utilizing the received second information object (The step is inherent because the arrival of new information will be changing the location of old information, means for updating (35) said virtual pixel area utilizing the received second information object).

2. As per claim 2, an arrangement wherein said virtual pixel area contains a position-coding pattern. (the icons are considered as a position-coding pattern, see fig. 41 box or icon 205).

3. As per claim 3, an arrangement wherein said means for creating a first information object also adds a position-coding pattern to this information object. (when an icon highlighted adds a position-coding pattern to this graphical object, Fig.36-41 illustrate a series of CMW screens which may be generated during operation involving a remote expert)

4. As per claim 4, an arrangement wherein said means for creating the first information object comprises means for receiving (23) a request from the first user concerning transmission of a partial area of said virtual area, and wherein this partial area is inserted in the first information object. (Fig.41 illustrate how a partial of the display is occupied with receiving request from the users boxes 261-263)

5. As per claim 5, an arrangement wherein said virtual area contains a background image. (Fig.41 illustrate windows overlapping each other and the background shown as white color on black and white paper).

6. As per claim 6, an arrangement wherein said means for creating a first information object also adds (27) a background image to this information object. (Fig.41 or Fig.42 illustrate any opened windows has a background color)

7. As per claim 7, an arrangement according to any one of claims wherein said virtual pixel area consists a number of graphical files. (Fig.41 window 204 illustrates collaboration initiator as different graphical files).

8. As per claim 8, an arrangement wherein said means for creating a first information object also adds (29) an information image to this information object. (It is inherent because in fig. 41 windows 204 illustrate the information for each graphical files).

9. As per claim 9, an arrangement wherein said information image is selected on the basis of user parameters specific to the first user and available to the computer system (Fig.2A and 2B are representations of a computer screen illustrating to the extent possible in a still image, the full motion video and related user interface displays which may be generated during operation).

10. As per claim 10, an arrangement comprising means for notifying a second user when a partial area of the pixel area has been updated (Fig.41 the users boxes 261-263)

11. As per claim 11, a method for providing an electronic information service in a computer system which is connected to a network, (fig. 1 illustrates an arrangement for providing an electronic information service in a computer system which is connected to a network, and Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network), a plurality of users being able write information into and read information from the electronic information service in the computer system via the network (fig. 2A and fig. 31D illustrate a box labeled as "multimedia document editors" or box 524 the mail system), a characterized by:

-creation of a first information object comprising partial area of a virtual pixel area, (the following step is inherent because a partial area of a virtual pixel area means a part of display area), which pixel area contains information written by users from among said plurality of users, (Laster on page 2, lines 30-34 teaches the user's activities on a screen display) which pixel area contains information written by users from among said plurality of users, (Laster on page 2, lines 30-34 teaches the user's activities on a screen display)

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-transmission of the first information object via the network first of said plurality of users, (Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network)

-reception (33) of a second information object from the first user corresponding to at least part of said partial area said virtual pixel area, and creation transmission of the first page 22, lines 6-11 disclose the AV network 901 is separate and distinct from the Data Network 902 portion of the MLAN 10, which carries bi-directional data signals among the MWs and the Data LAN hub)

-updating (35) of the received information said virtual pixel area utilizing object . (The step is inherent because the arrival of new information will be changing the location of old information)

12. As per claim 12, an arrangement in a computer system connected to a network, which system comprises an electronic information service to which users can send messages and from which users can read messages via said network, (fig. 2A and fig. 31D illustrate a box labeled as "multimedia document editors" or box 524 the mail system), characterized that the information service comprises a virtual area consisting of a matrix of pixels which is at least two-dimensional, (the following step is inherent because a partial area of a virtual pixel area means a part of display area), and in that there are means for receiving (43) a message from a user, means for receiving (45) a position indication associated with said message from said user, (Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network) and means for placing (47) said message in a position on said virtual area, which position is determined by said position indication. (when an icon highlighted adds a position-coding pattern to this graphical object, Fig.36-41 illustrate a series of CMW screens which may be generated during operation involving a remote expert)

13. As per claim 13, an arrangement wherein the arrangement incorporates means for removing said message after a certain period of time. (The step is inherent because the arrival of new information will be changing the location of old information)

14. As per claim 14, a method in a computer system connected to a network, which system comprises an electronic information service to which users can send messages and from which users can read messages via said network, (fig. 1 illustrates an arrangement for providing an electronic information service in a computer system which is connected to a network, and Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network) characterize by the following steps, the information service comprising a virtual area consisting of a matrix pixels which is at least two-dimensional: reception of a message from a user, reception (45) of a position indication associated with said message from said user, and placing (47) of said message in a position on said virtual area, which position is determined by said position indication. (fig. 2A and fig. 31D illustrate a box labeled as "multimedia document editors" or box 524 the mail system), (Fig.4 is a block diagram illustrating how a plurality of geographically dispersed MLANs of the type shown in Fig.3 can be connected via a wide area network) page 22, lines 6-11 disclose the AV network 901 is separate and distinct from the Data Network 902 portion of the MLAN 10, which carries bi-directional data signals among the MWs and the Data LAN hub) and (The step is inherent because the arrival of new information will be changing the location of old information).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mitra Kianersi whose telephone number is (571) 272-3915. The examiner can normally be reached on 7:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on (571) 272-3896. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mitra Kianersi
Dec/09/2004

Bretz, Lueke
Patent Examiner
12/12/04